

0978390 022104
00220 0688760

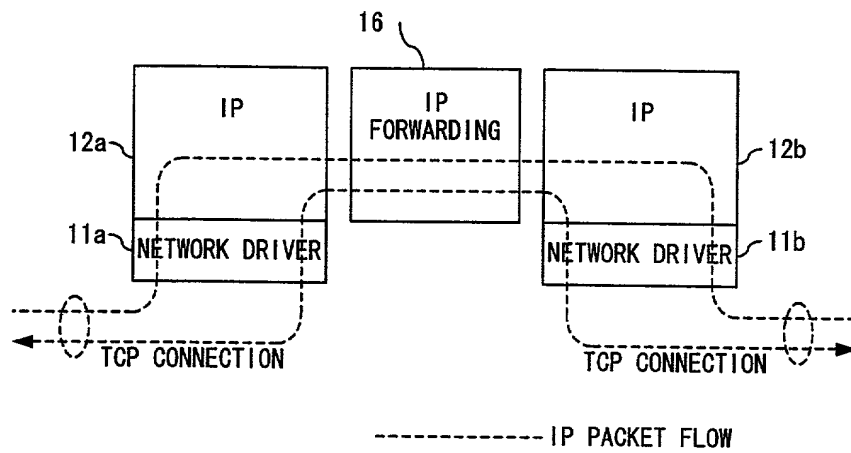


FIG. 1 PRIOR ART

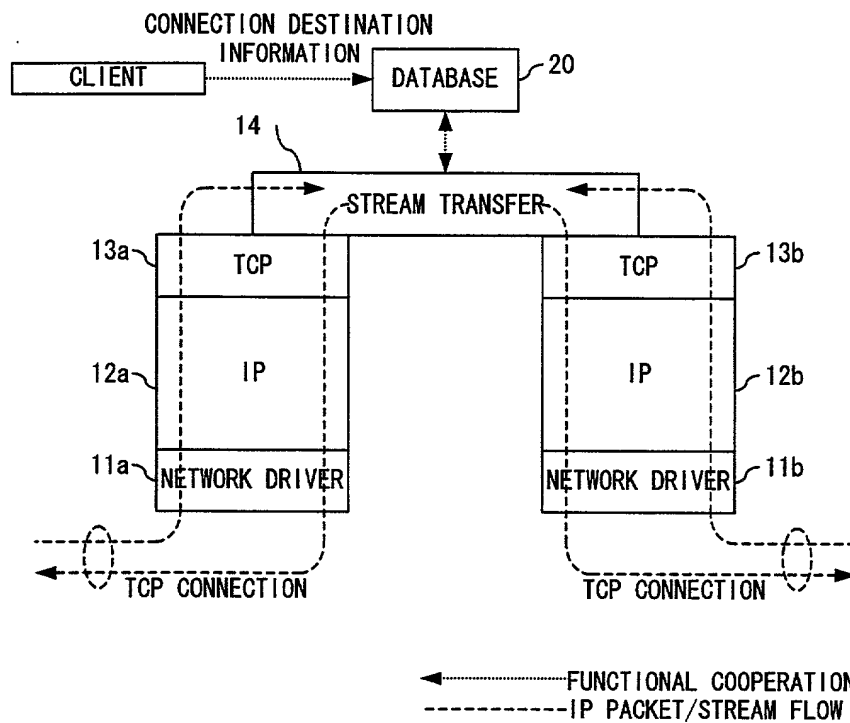


FIG. 2 PRIOR ART

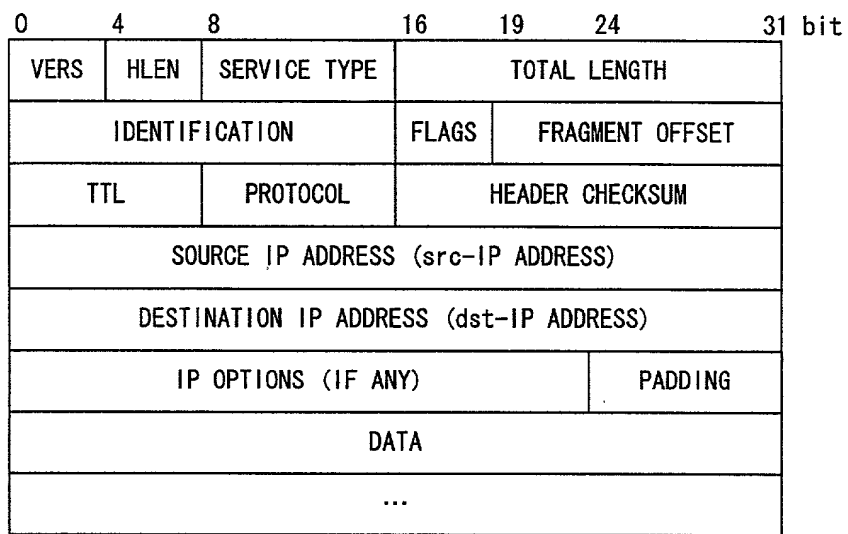


FIG. 3 PRIOR ART

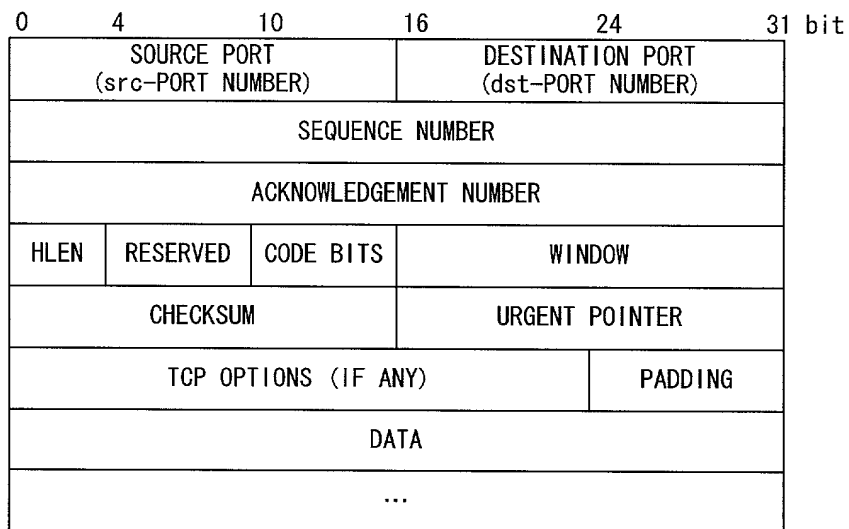


FIG. 4 PRIOR ART

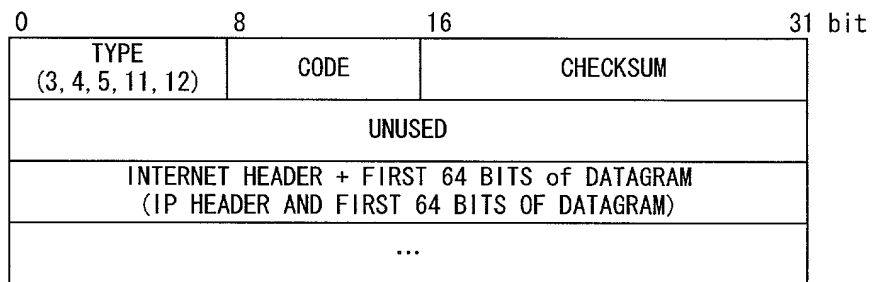


FIG. 5 PRIOR ART

0978390 06588/60
"07220"

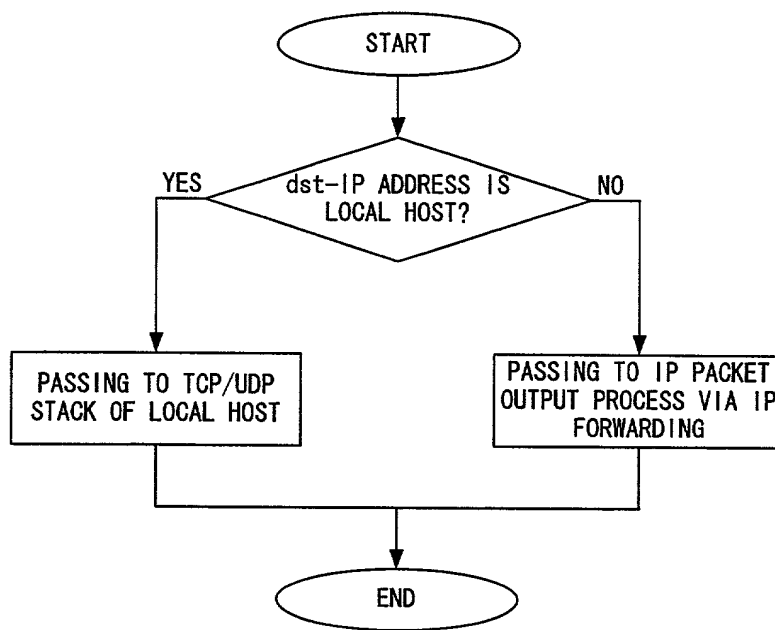


FIG. 6 PRIOR ART

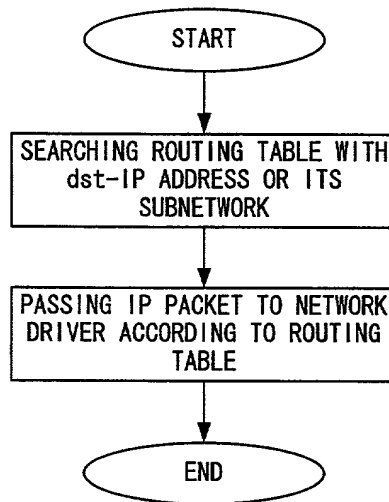


FIG. 7 PRIOR ART

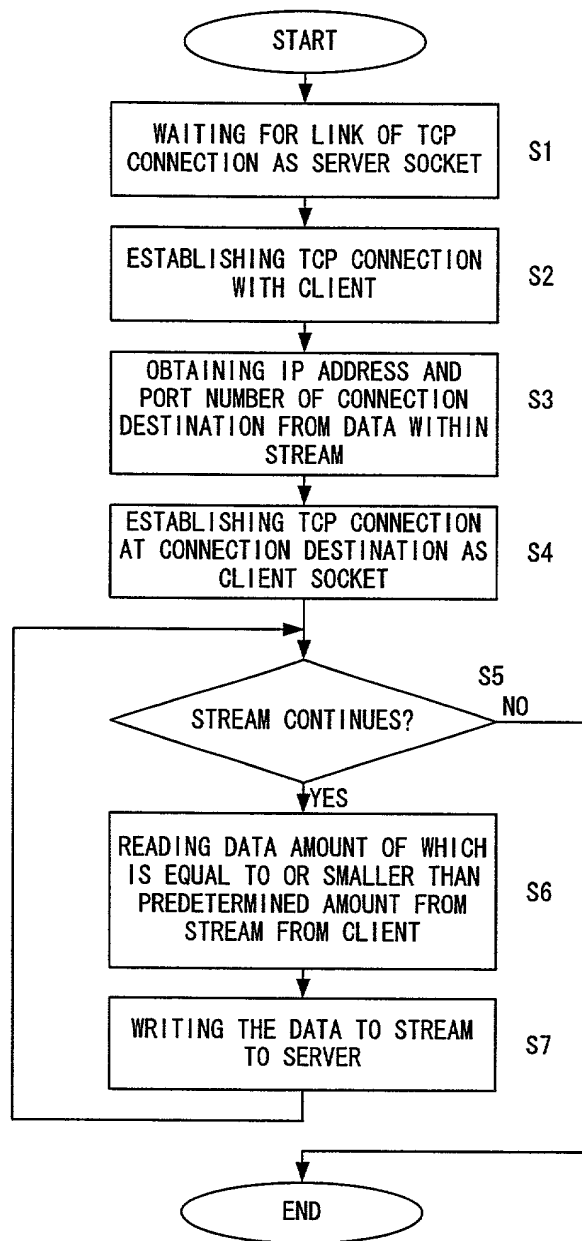


FIG. 8 PRIOR ART

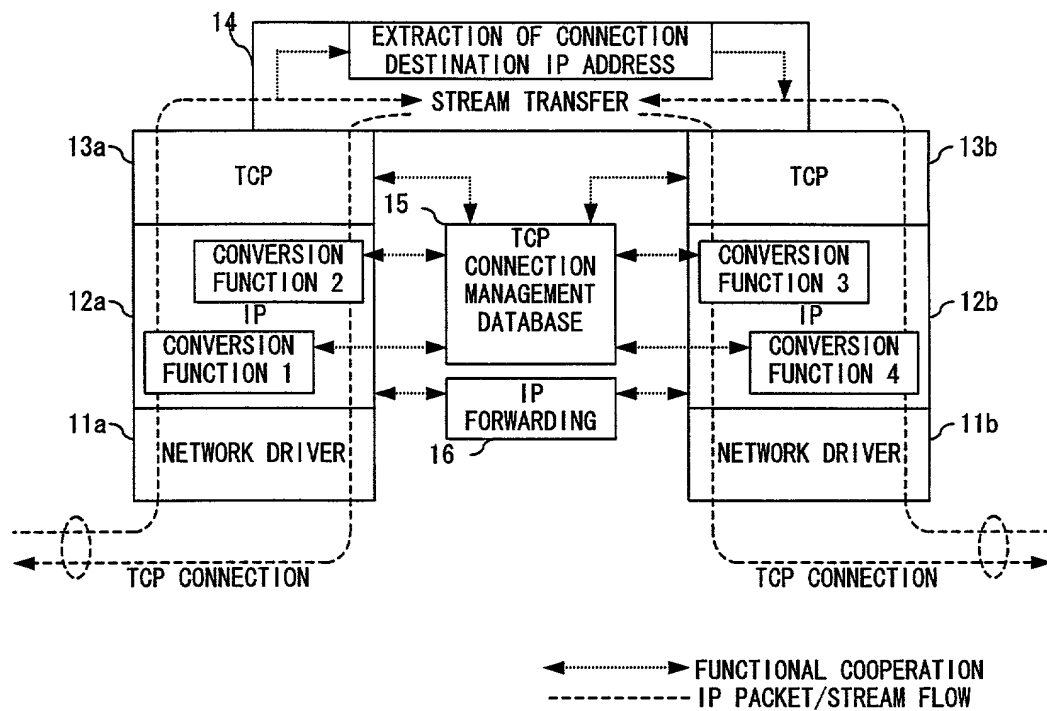


FIG. 9

The diagram illustrates the flow of a packet through a router. The packet enters from Host A, passes through the router, and exits towards Host B. The packet's source and destination IP addresses and ports are shown at each stage.

Host A: The packet is received with source IP: a1, source port: p1, destination IP: a4, and destination port: p4. The router interface is labeled (a1, p1).

Router: The packet is received with source IP: a1, source port: p1, destination IP: a4, and destination port: p4. The router interface is labeled (a2, -). The packet is then forwarded to Host B with source IP: a3, source port: -, destination IP: a4, and destination port: p4. The router interface is labeled (a3, -).

Host B: The packet is received with source IP: a4, source port: p4, destination IP: a1, and destination port: p1. The router interface is labeled (a4, p4).

TCP/IP packet details:

- Packet 1 (Host A to Router):** src-IP: a1, src-port: p1, dst-IP: a4, dst-port: p4.
- Packet 2 (Router to Host B):** src-IP: a1, src-port: p1, dst-IP: a4, dst-port: p4.
- Packet 3 (Host B to Router):** src-IP: a4, src-port: p4, dst-IP: a1, dst-port: p1.
- Packet 4 (Router to Host A):** src-IP: a4, src-port: p4, dst-IP: a1, dst-port: p1.

FIG. 10A

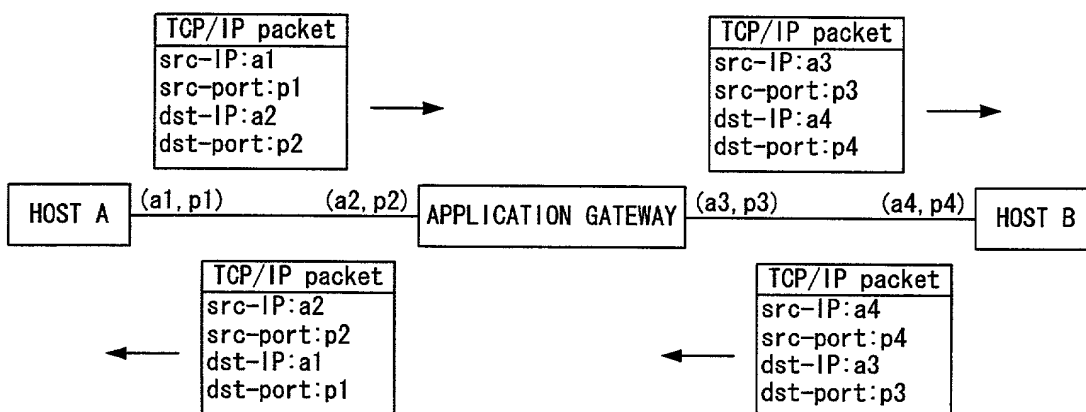


FIG. 10B

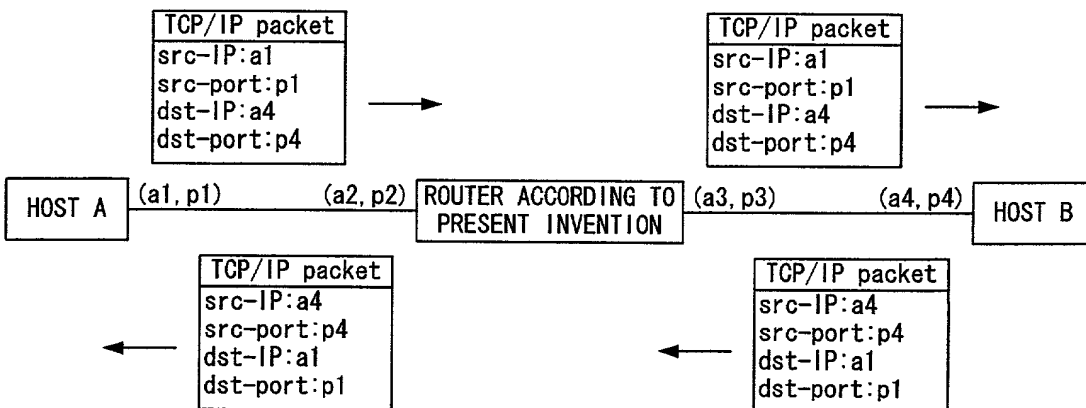


FIG. 10C

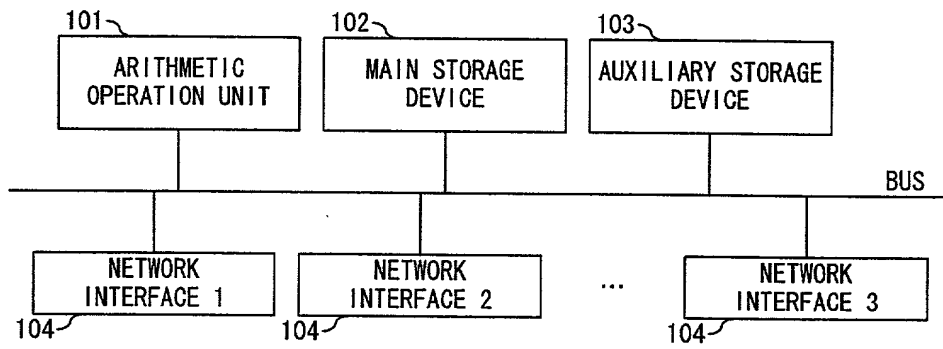
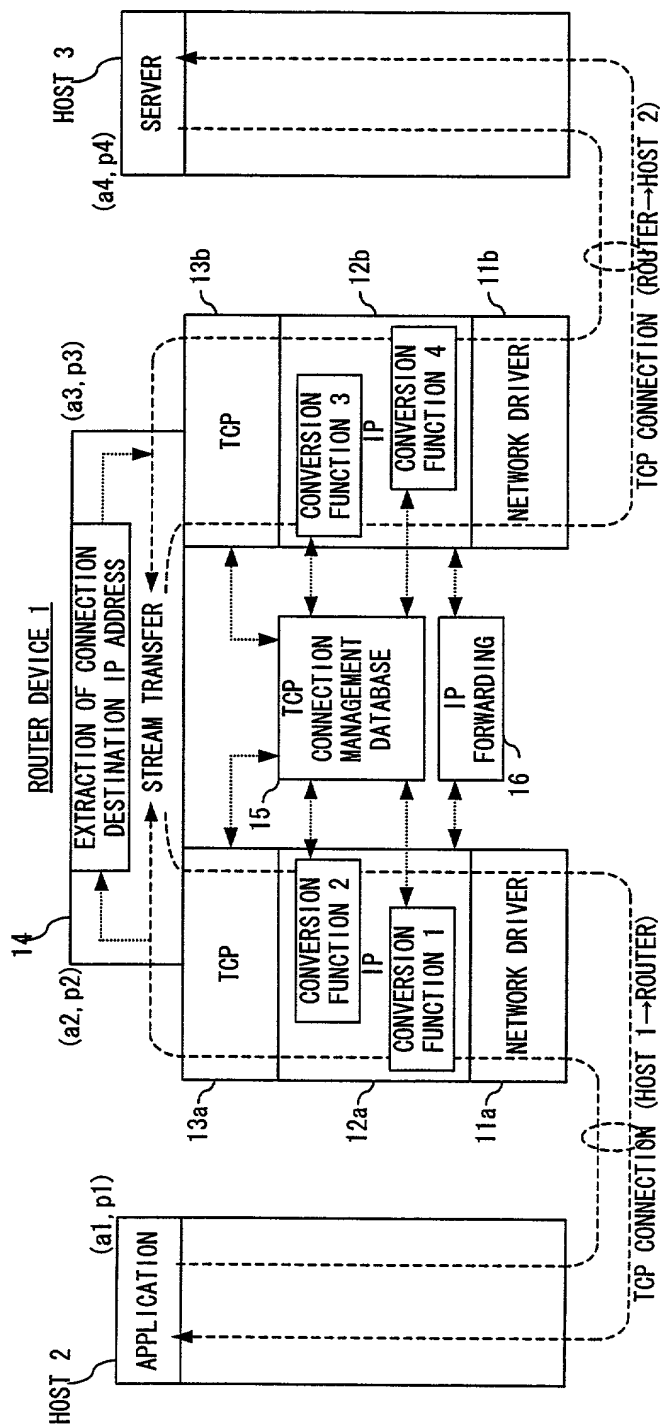


FIG. 11



a1~a4: IP ADDRESSES OF HOSTS
 p1: CLIENT PORT NUMBER OF APPLICATION (DYNAMICALLY ASSIGNED)
 p2: SERVER PORT OF STREAM TRANSFER SOFTWARE (FIXED VALUE)
 p3: CLIENT PORT NUMBER OF STREAM TRANSFER SOFTWARE (DYNAMICALLY ASSIGNED)
 p4: SERVER PORT OF APPLICATION SERVER (FIXED VALUE FOR EACH APPLICATION SERVER)

FIG. 12

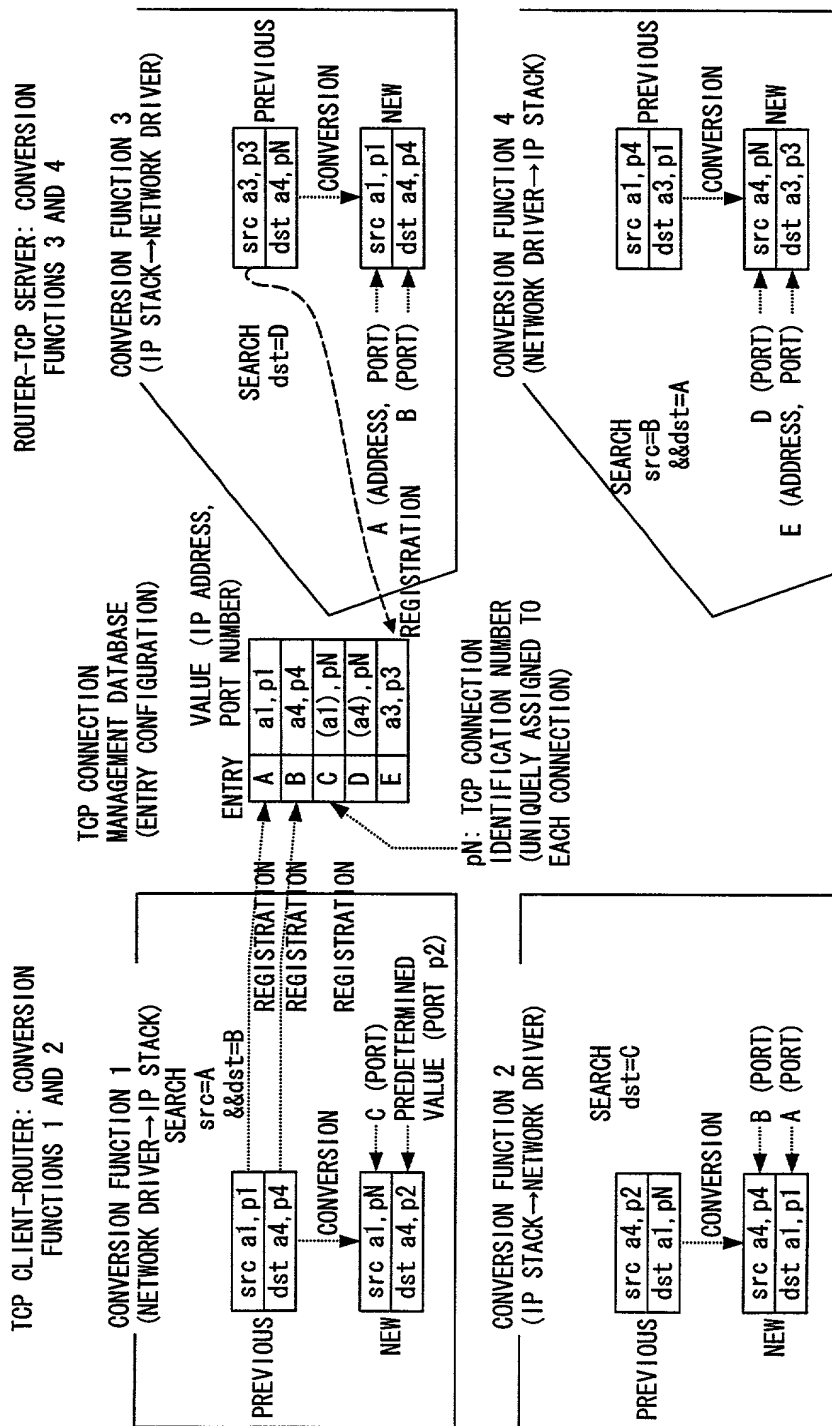


FIG. 13

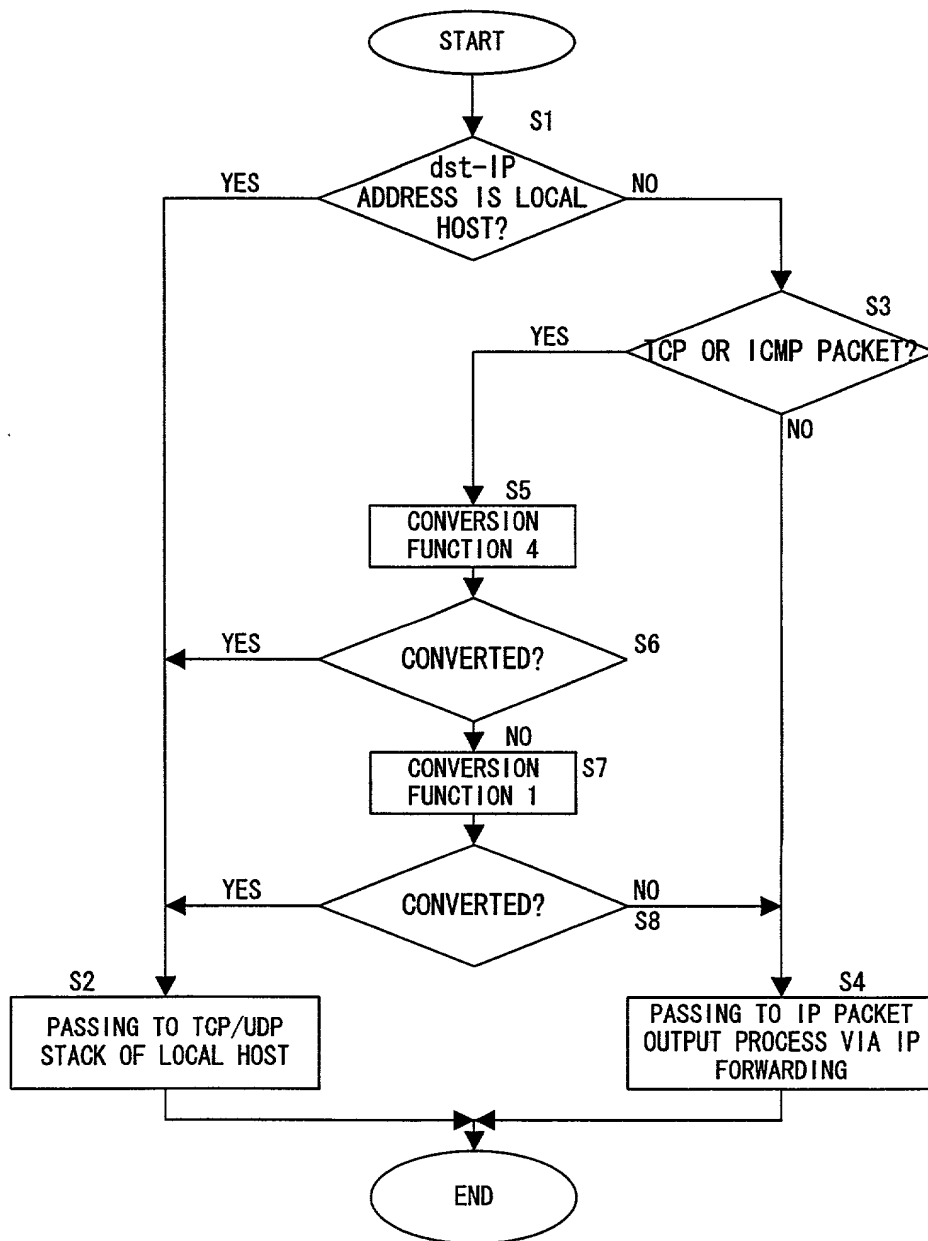


FIG. 14

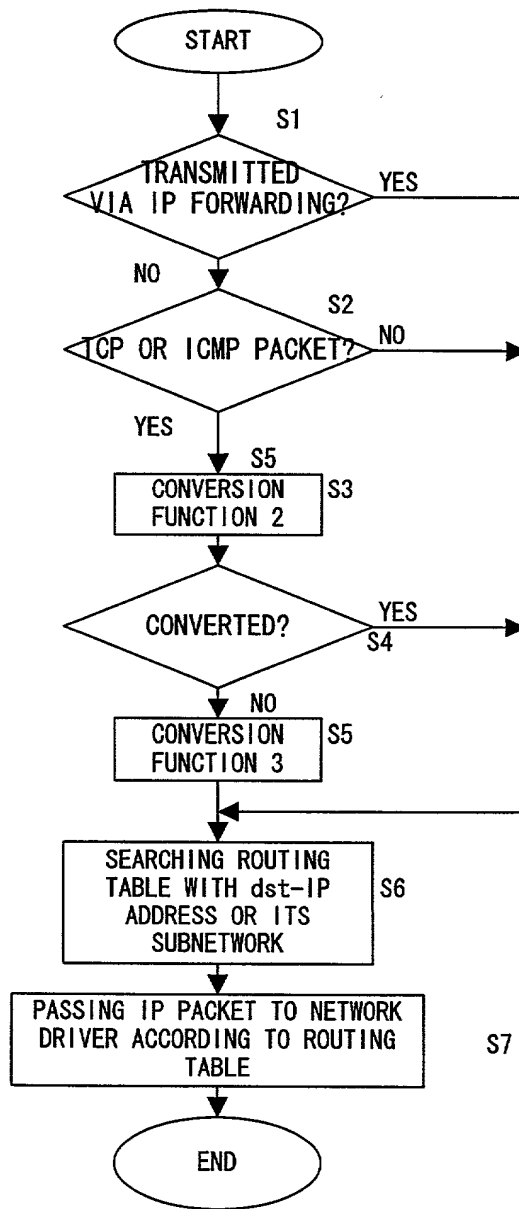
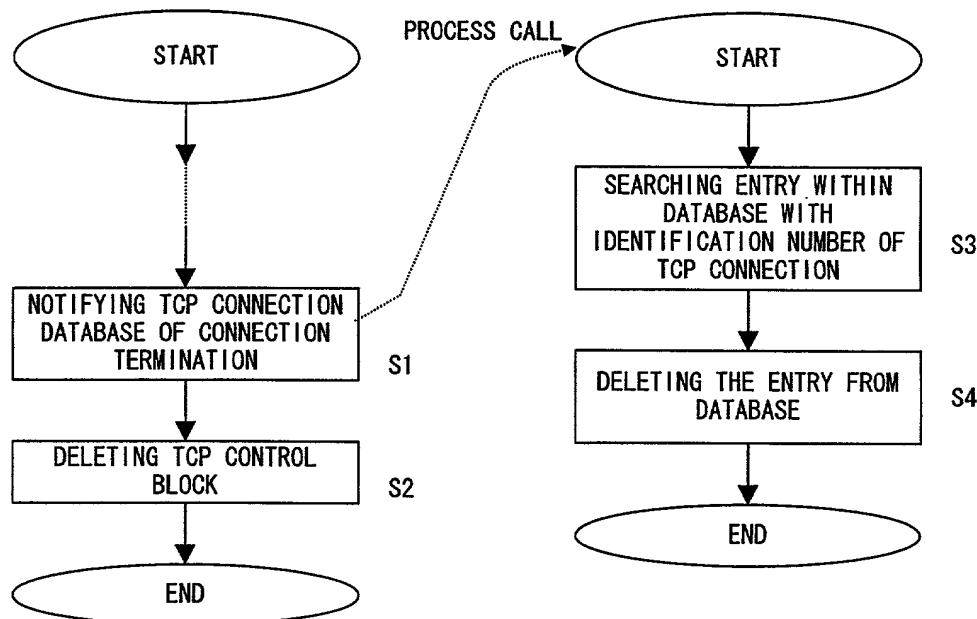
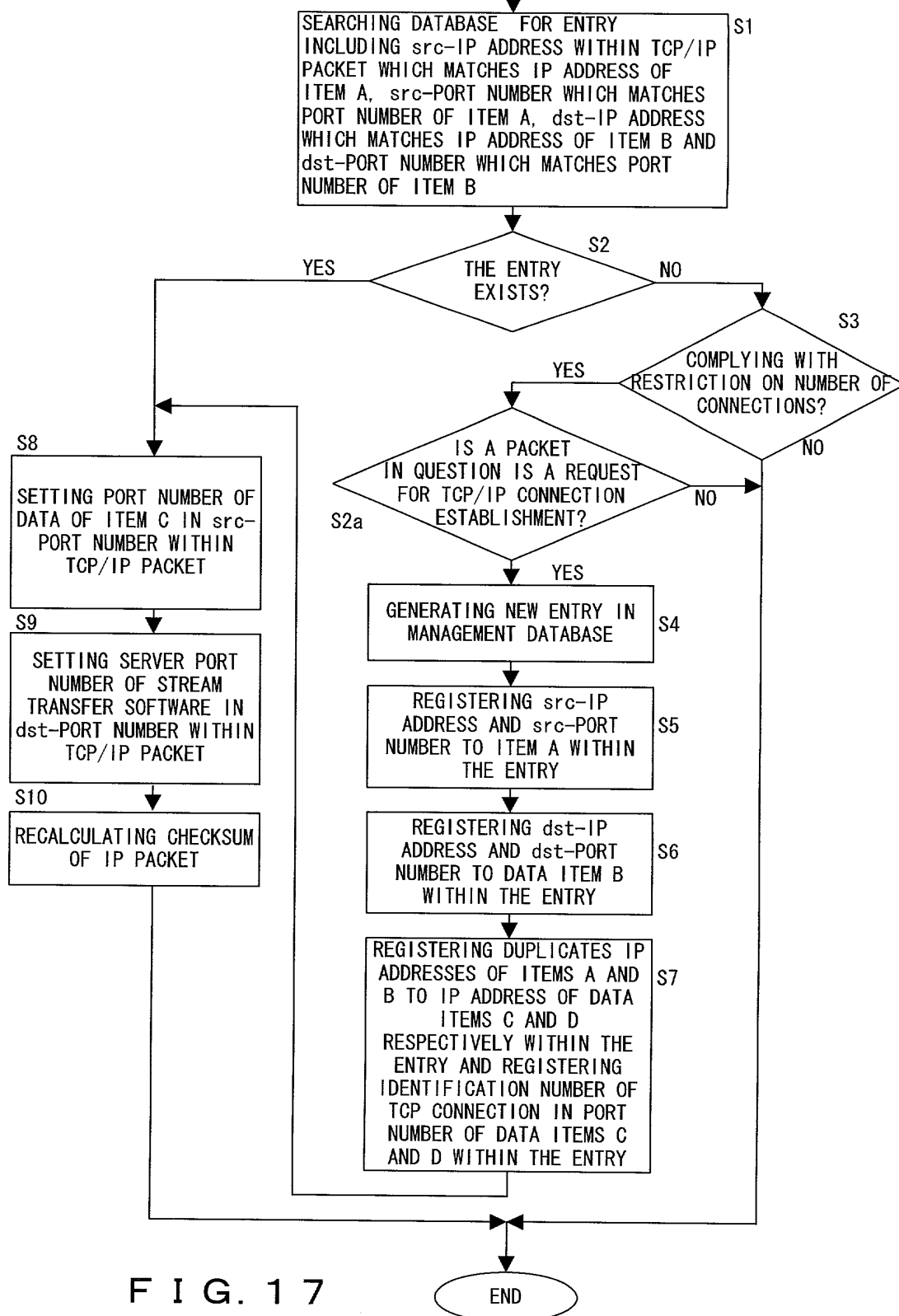


FIG. 15

CONNECTION TERMINATION PROCESS WITHIN TCP STACK

CONNECTION TERMINATION PROCESS WITHIN DATABASE OF PRESENT INVENTION





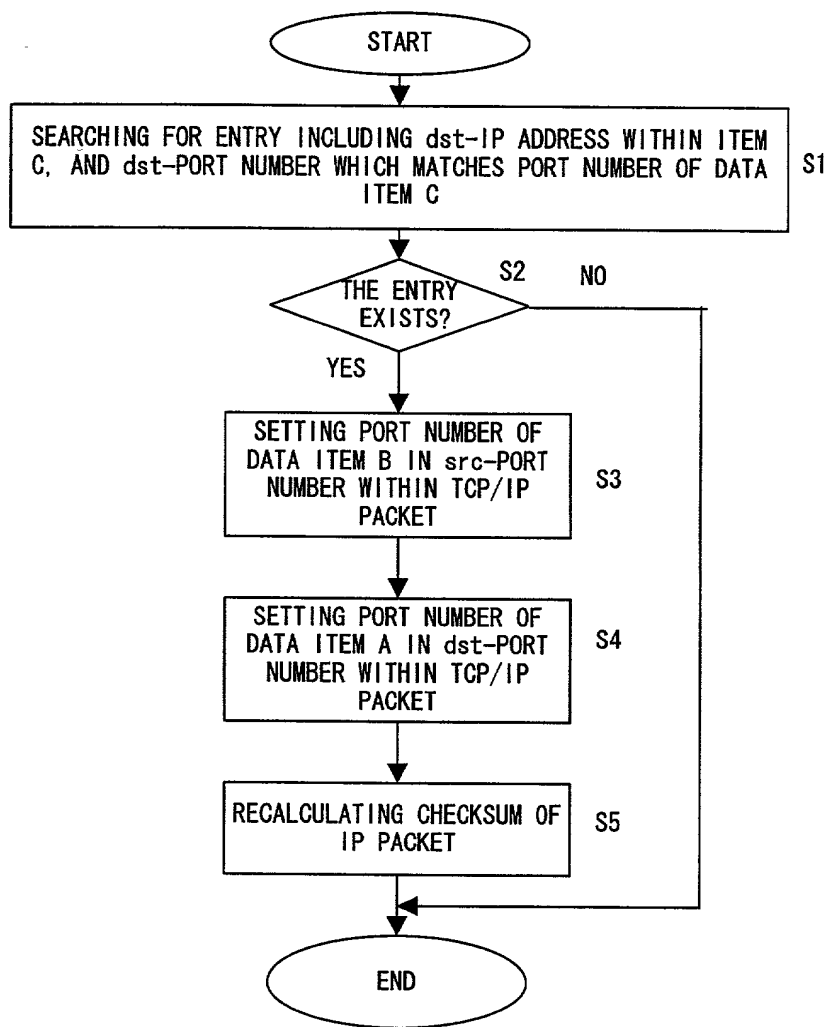


FIG. 18

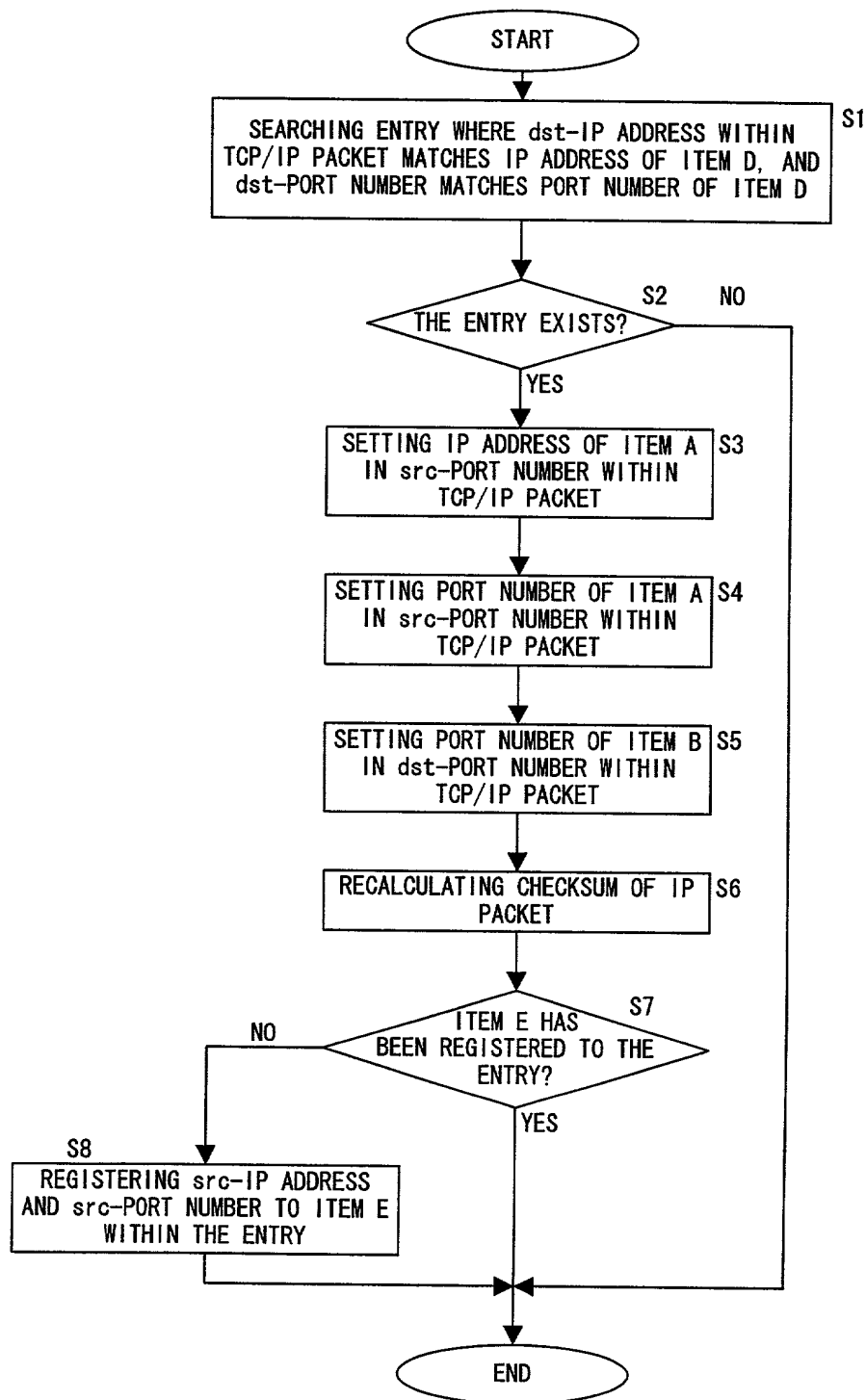
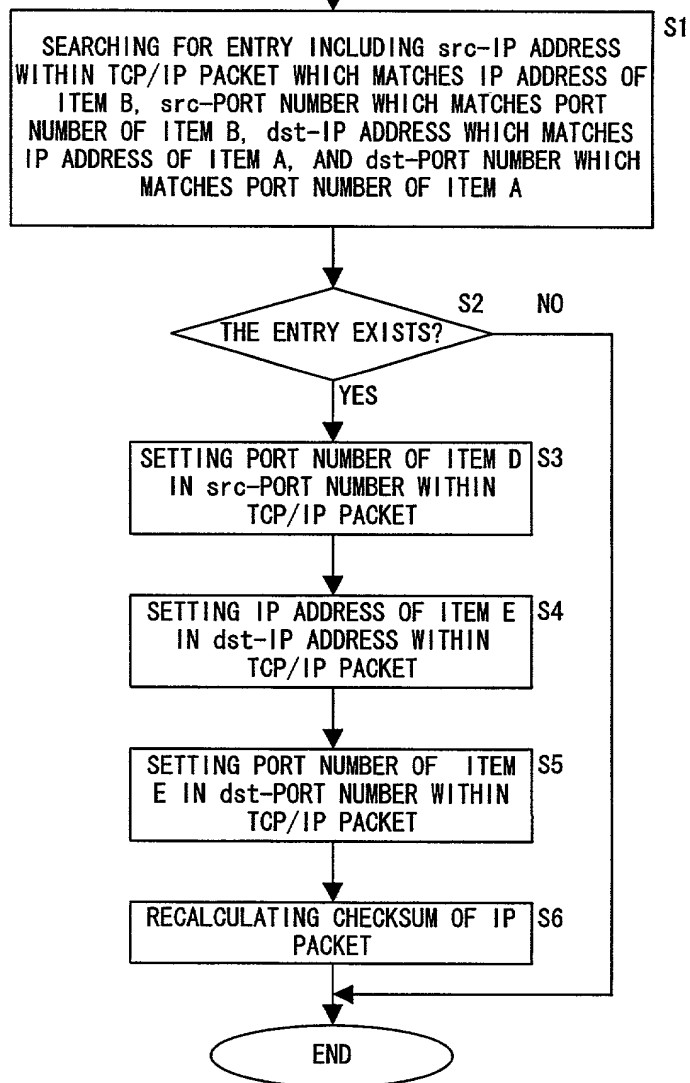


FIG. 19

START



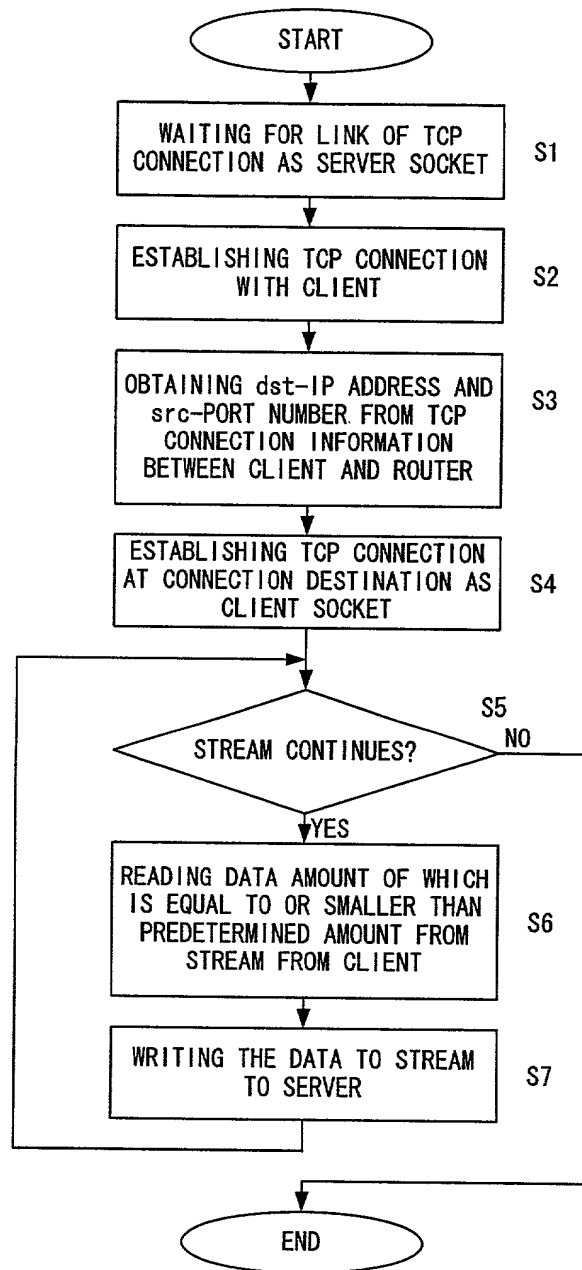


FIG. 21

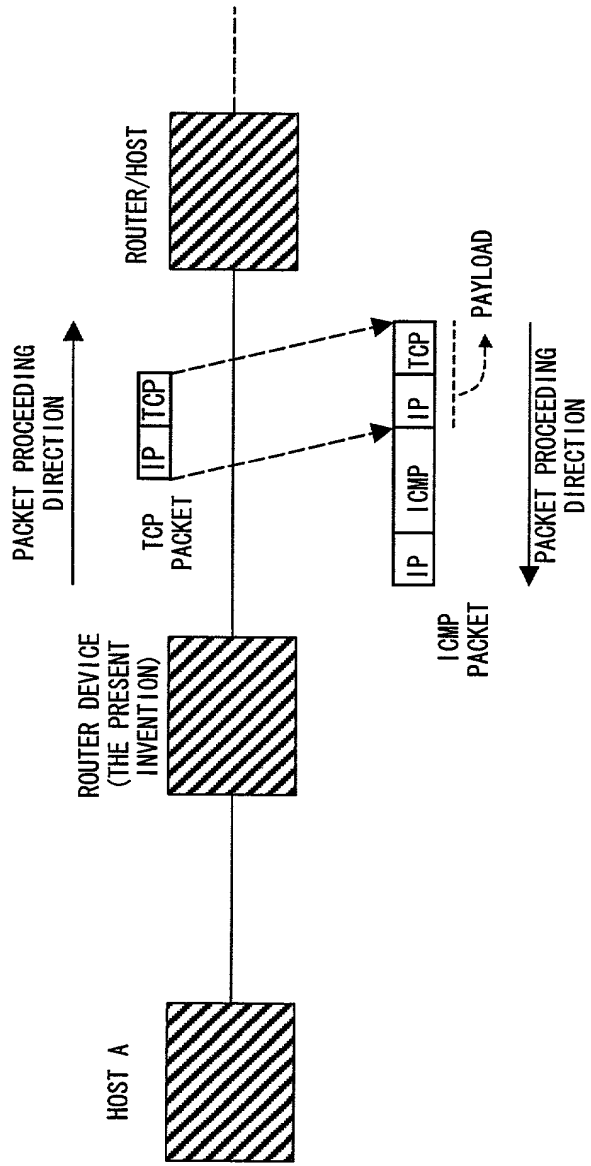


FIG. 22

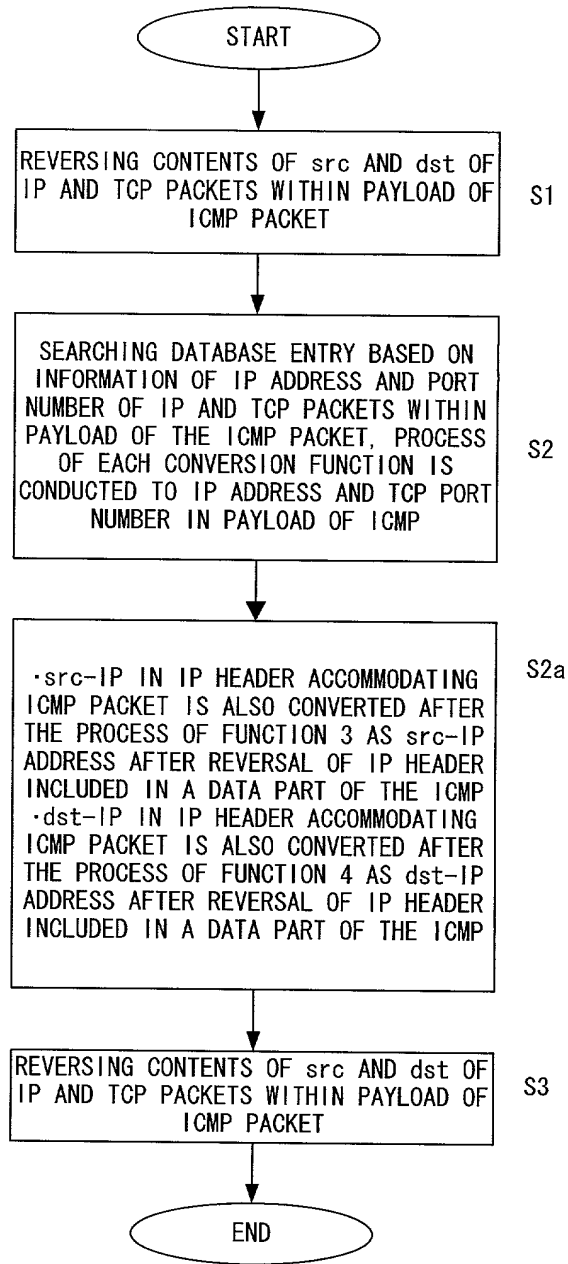


FIG. 23